State of Utah
EPCRA Tier II Submission Guidance Document
Reporting Year 2002

December 2002

This document provides guidance for submitting the inventory report (known as the Tier II Chemical Inventory Report) for calendar year 2002 to Local Fire Departments, Local Emergency Planning Committees (LEPCs), and to the Division of Environmental Response and Remediation (DERR) as representative of the State Emergency Response Commission (SERC). Reporting may be required under section 312 of the Federal Emergency Planning Community Right-to-Know Act (EPCRA) as promulgated in the Code of Federal Regulations (CFR) under 40 CFR part 355 and part 370.[1]

Please note the following when preparing Tier II Chemical Inventory Reports:

The EPA and Utah approved software application "Tier II Submit" is available for download from the internet at:

http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/tier2.htm

This software facilitates preparation of a diskette containing your chemical inventory information that can be submitted to local fire departments, LEPCs and the DERR. This easy-to-use software helps to assure your submission is entered accurately into agency databases. The diskette takes the place of hardcopy submission, while the software helps to ensure your submission is entered accurately into regulatory agency databases.

Additional comments when preparing your Tier II submission:

- Tier II reports are due March 1, 2003.
- Tier II reports should reflect chemical inventories for calendar year 2002.
- Tier II reports should be completed for "hazardous chemicals" (as the term is defined in the Hazard Communication Standard)[2] present in amounts 10,000 pounds or greater.
- Tier II reports should also be completed for "extremely hazardous chemicals" present in amounts equal to or exceeding the amount identified on the enclosed list of "extremely hazardous chemicals."

Retail service stations are exempt from submitting the Tier II Chemical Inventory Report if the following four criteria are met:

[1] CFRs can be downloaded from a U.S. Government website: http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1
[2] OSHA 29 CFR §1910.1200(c)

1. They have less than 75,000 gallons of gasoline or 100,000 gallons of diesel fuel.
2. The gasoline or diesel fuel is stored in entirely underground storage tanks.
3. The tanks are in compliance with state and federal underground storage tank regulations.
4. The tanks are located outside Salt Lake County (per Salt Lake City and Salt Lake County regulations).

This modification to Federal regulations was published in the February 11, 1999 Federal Register. The Salt Lake City and Salt Lake County LEPCs have opted to not permit this exemption for facilities in their respective jurisdictions.

State and local governmentally owned facilities are also exempt from submitting the Tier II Chemical Inventory Report; however, such facilities are encouraged to submit a report to facilitate local emergency response planning.

There is no fee for filing Tier II reports within the State of Utah. Contact the Salt Lake County LEPC, the Salt Lake City LEPC, or the West Valley City LEPC for information concerning hazardous materials permit fees for facilities within these jurisdictions.

Each of the following agencies must receive a copy of the Tier II report:

1. The Division of Environmental Response and Remediation
   168 North 1950 West, Salt Lake City, Utah 84116
2. Local Emergency Planning Committee[3] with jurisdiction of your facility location.
3. The fire department with jurisdiction of your facility location.

The following items are enclosed to aid in preparing and submitting Tier II reports:

1. Utah specific guidance on completing the Tier II form
2. The Utah Tier II hardcopy form
3. EPA Tier II instructions (includes the Confidential Location Information Sheet with form specific instructions)
4. List of Utah LEPC contacts and Tribal Emergency Response Commission members in Utah
5. List of Extremely Hazardous Substances (alphabetical)

Additional copies of the enclosures, as well as a **Microsoft Word format (version 2000) of the hardcopy EPA Tier II form** can be downloaded from the internet at:

http://superfund.utah.gov/serc/t2home.htm

[3] Due to recent changes, contact information for the Washington County LEPC members was not available at the time of printing. This information will be posted to the DEQ/DERR webpage as part of this guidance document (to be revised upon receipt of updated contact information) as noted in paragraph 6 of this page, or the DEQ/DERR EPCRA coordinator can forward this information upon request.

then click the weblink:

"Utah EPCRA Tier II Submission Guidance Document - Reporting Year 2002"
(this document also includes EPA instructions and the current Utah LEPC List)

This website also provides links to additional reference documents for downloading:

1. Document titled *The List-of-Lists Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA) and Section 112(r) of the Clean Air Act* (U.S. EPA Office of Solid Waste and Emergency Preparedness; October 2001).
2. EPCRA Fact Sheet – provides an overview of EPCRA
3. Copy of the document, that presents the exemption for retail fuel outlet facilities as published in the Federal Register Vol. 64 No. 28, February 11, 1999, titled: *Emergency Planning and Community Right-to-Know Programs; Amendments to Hazardous Chemical Reporting Thresholds for Gasoline and Diesel Fuel at Retail Gas Stations*.

If you have questions regarding EPCRA Tier II chemical inventory reporting, contact Mike Zucker by phone at (801) 536-4143; fax (801) 536-4242, or email: mzucker@utah.gov.

UTAH SPECIFIC GUIDANCE ON COMPLETING THE TIER II FORM
DECEMBER 2002
(See enclosed 40 CFR 370.41 Tier II Instructions For More Detail)

Enter the mailing address that you want the State to mail next year's Tier II reporting reminder in the "Owner/Operator Name" section of the Tier II form.

If you do not know the SIC code or Dun & Bradstreet Number for your facility, leave the fields blank

Several internet references for review of SIC codes are available at:

- http://www.osha.gov/oshstats/sicser.html
- http://www.osha.gov/oshstats/naics-manual.html

Please be sure to fill in the Chemical Name. Use the most common name for a hazardous chemical. If a component of the product is a listed Extremely Hazardous Substance[4], you must also fill in the field "EHS NAME" with the name of the component.

Your chemical suppliers and Material Safety Data Sheets (MSDS) are good sources of information for:

- EHS status and chemical name;
- The Chemical Abstract Service (CAS) number;
- Physical and health hazards;
- The type of substance (pure, mix, liquid, etc.);

If the chemical you stock has multiple CAS numbers because it is a mixture of components, you can leave the CAS number boxes blank.

Mark the "Trade Secret" box only if your business claims the composition of the chemical as a trade secret. Claiming a Trade Secret requires filing justification with EPA.

THE WEIGHT OF CHEMICAL PRESENT (IN POUNDS) SHOULD BE ENTERED AS A RANGE CODE. Codes for each poundage range are provided in the enclosed federal Tier II instructions. Your chemical supplier or the MSDS may provide conversion factors to translate units of measure (e.g. gallons, cubic feet, and others) in to pounds.

MAKE SURE TO SIGN the certification section of the hardcopy forms you submit. If you submit hardcopy forms, an ORGINAL SIGNATURE should be on the first page of your submission to the fire department, LEPC, and the State SERC.

Submit Tier II reports to the State Division of Environmental Response and Remediation), to the appropriate LEPC (list enclosed), and to the fire department with jurisdiction for the location of your facility.

There is no fee for submission of tier II reports to the State of Utah.

[4] The term *extremely hazardous substance* is defined under EPCRA; see 40 CFR Part 355 or 40 CFR Part 370.

Form Approved OMB No. 2050-0072

UTAH TIER TWO

Tier Two EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name _____

Street _____

City _____ County _____ State _____ Zip _____

SIC Code _____ Dun & Brad Number _____

FOR OFFICIAL USE ONLY

ID # _____

Date Received _____

Owner/Operator Name

Name _____ Phone ( ) _____

Mail Address _____

Emergency Contact

Name _____ Title _____

Phone ( ) _____ 24 Hr. Phone ( ) _____

Name _____ Title _____

Phone ( ) _____ 24 Hr. Phone ( ) _____

Important: Read all instructions before completing form

Reporting Period From January 1 to December 31, 19 ____

[ ] Check if information below is identical to the information submitted last year.

Chemical Description

CAS _____ Trade Secret _____

Chem. Name _____

Check all that apply [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

EHS Name _____

Physical and Health Hazards *(check all that apply)*

[ ] Fire
[ ] Sudden Release of Pressure
[ ] Reactivity
[ ] Immediate (acute)
[ ] Delayed (chronic)

Inventory

Max. Daily Amount (code) ____

Avg. Daily Amount (code) ____

No. of Days On-site (days) ____

Container Type / Pressure / Temperature

Storage Codes and Locations (Non-Confidential)

Storage Locations

Optional

[ ]

CAS _____ Trade Secret _____

Chem. Name _____

Check all that apply [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

EHS Name _____

[ ] Fire
[ ] Sudden Release of Pressure
[ ] Reactivity
[ ] Immediate (acute)
[ ] Delayed (chronic)

Max. Daily Amount (code) ____

Avg. Daily Amount (code) ____

No. of Days On-site (days) ____

[ ]

CAS _____ Trade Secret _____

Chem. Name _____

Check all that apply [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

EHS Name _____

[ ] Fire
[ ] Sudden Release of Pressure
[ ] Reactivity
[ ] Immediate (acute)
[ ] Delayed (chronic)

Max. Daily Amount (code) ____

Avg. Daily Amount (code) ____

No. of Days On-site (days) ____

[ ]

Certification ***(Read and sign after completing all sections)***

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner/operator OR owner/operator's authorized representative _____ Signature _____ Date signed _____

Optional Attachments

[ ] I have attached a site plan
[ ] I have attached a list of site coordinate abbreviations
[ ] I have attached a description of dikes and other safeguards measures

EPA TIER TWO INSTRUCTIONS

GENERAL INFORMATION

Submission of this Tier Two form (when requested) is required by Title III of the Superfund Amendments and Reauthorization Act of 1986, Section 312, Public Law 99-499, codified at 42 U.S.C. Section 11022. The purpose of this Tier Two form is to provide State and local officials and the public with specific information on hazardous chemicals present at your facility during the past year.

CERTIFICATION

The owner or operator or the officially designated representative of the owner or operator must certify that all information included in the Tier Two submission is true, accurate, and complete. On the first page of the Tier Two report, enter your full name and official title. Sign your name and enter the current date. Also, enter the total number of pages included in the Confidential and Non-Confidential Information Sheets as well as all attachments. An original signature is required on at least the first page of the submission. Submissions to the SERC, LEPC, and fire department must each contain an original signature on at least the first page. Subsequent pages must contain either an original signature, a photocopy of the original signature, or a signature stamp. Each page must contain the date on which the original signature was affixed to the first page of the submission and the total number of pages in the submission.

YOU MUST PROVIDE ALL INFORMATION REQUESTED ON THIS FORM TO FULFILL TIER TWO REPORTING REQUIREMENTS.

This form may also be used as a worksheet for completing the Tier One form or may be submitted in place of the Tier One form.

WHO MUST SUBMIT THIS FORM

Section 312 of Title III requires that the owner or operator of a facility submit their Tier Two form if so requested by a State emergency response commission, a local emergency planning committee, or a fire department with jurisdiction over the facility.

This request may apply to the owner or operator of any facility that is required, under regulations implementing the Occupational Safety and Health Act of 1970, to prepare or have available a Material Safety Data Sheet (MSDS) for a hazardous chemical present at the facility. MSDS requirements are specified in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, found in Title 29 of the Code of Federal Regulations at ξ1910.1200.

This form does not have to be submitted if all of the chemicals located at your facility are excluded under Section 311(e) of Title III.

WHAT CHEMICALS ARE INCLUDED

If you are submitting Tier Two forms in lieu of Tier One, you must report the required information on this Tier Two form for each hazardous chemical present at your facility in quantities equal to or greater than established threshold amounts (discussed below), unless the chemicals are excluded under Section 311(e) of Title III. Hazardous chemicals are any substance for which your facility must maintain an MSDS under OSHA's Hazard Communication Standard.

If you elect to submit Tier One rather than Tier Two, you may still be required to submit Tier Two information upon request.

WHAT CHEMICALS ARE EXCLUDED

Section 311(e) of Title III excludes the following substances:

(I) Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration:

(II) Any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use;

(III) Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;

(IV) Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual;

(V) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.

OSHA regulations, Section 1910.1200(b), stipulate exemptions from the requirement to prepare to have available an MSDS.

REPORTING THRESHOLDS

Minimum thresholds have been established for Tier One/ Tier Two reporting under Title III, Section 312. These thresholds are as follows:

For Extremely Hazardous Substances (EHSs) designated under Section 302 of Title III, the reporting threshold is 500 pounds (or 227 kg.) or the threshold planning quantity (TPQ), whichever is lower.

For all other hazardous chemicals for which facilities are required to have or prepare an MSDS, the minimum reporting threshold is 10,000 pounds (or 4.540 kg.).

You need to report hazardous chemicals that were present at your facility at any time during the previous calendar year at levels that equal or exceed these thresholds. For instructions on threshold determinations for components of mixtures, see "What About Mixtures?" on page 2 of these instructions.

A requesting official may limit the responses required under Tier Two by specifying particular chemicals or groups of chemicals. Such requests apply to hazardous chemicals regardless of established thresholds.

INSTRUCTIONS

Please read these instructions carefully. Print or type all responses.

WHEN TO SUBMIT THIS FORM

Owners or operators of facilities that have hazardous chemicals on hand in quantities equal to or greater than set threshold levels must submit either Tier One or Tier Two forms by March 1.

If you choose to submit Tier One, rather than Tier Two, be aware that you may have to submit Tier Two Information later, upon request of any authorized official. You must submit the Tier Two form within 30 days of receipt of a written request.

WHERE TO SUBMIT THIS FORM

Send either a completed Tier One form or Tier Two form(s) to each of the following organizations:

1. Your State Emergency Response Commission.
2. Your Local Emergency Planning Committee.
3. The fire department with jurisdiction over your facility.

If a Tier Two form is submitted in response to a request, send the completed form to the requesting agency.

PENALTIES

Any owner or operator who violates any Tier Two reporting requirements shall be liable to the United States for a civil penalty of up to $25,000 for each such violation. Each day a violation continues shall constitute a separate violation.

If your Tier Two responses require more than one page, use additional forms and fill in the page number at the top of the form.

REPORTING PERIOD

Enter the appropriate calendar year, beginning January 1 and ending December 31.

FACILITY IDENTIFICATION

Enter the full name of your facility (and company identifier where appropriate).

Enter the full street address or state road. If a street address is not available, enter other appropriate identifiers that describe the physical location of your facility (e.g., longitude and latitude). Include city, county, state and zip code.

Enter the primary Standard Industrial Classification (SIC) code and the Dun & Bradstreet number for your facility. The financial officer of your facility should be able to provide the Dun & Bradstreet number. If your firm does not have this information, contact the State or regional office of Dun & Bradstreet to obtain your facility number or have one assigned.

OWNER/OPERATOR

Enter the owner's or operator's full name, mailing address, and phone number.

EMERGENCY CONTACT

Enter the name, title, and work phone number of at least one local person or office who can act as a referral if emergency responders need assistance in responding to a chemical accident at the facility.

Provide an emergency phone number where such emergency information will be available 24 hours a day, everyday. The requirement is mandatory. The facility must make some arrangement to ensure that a 24 hour contact is available.

IDENTICAL INFORMATION

Check the box indicating identical information, located below the emergency contacts on the Tier Two form, if the current chemical information being reported is identical to that submitted last year. Chemical descriptions, hazards, amounts, and locations must be provided in this year's form, even if the information is identical to that submitted last year.

CHEMICAL INFORMATION: Description, Hazards, Amounts, and Locations

The main section of the Tier Two form requires specific information on amounts and locations of hazardous chemicals, as defined in the OSHA Hazard Communication Standard.

If you choose to indicate that all of the information on a specific hazardous chemical is identical to that submitted last year, check the appropriate optional box provided at the right side of the storage codes and locations on the Tier Two form. Chemical descriptions, hazards, amounts, and locations must be provided even if the information is identical to that submitted last year.

- What units should I use?

  Calculate all amounts as *weight in pounds*. To convert gas or liquid volume to weight in pounds, multiply by an appropriate density factor.

- What about mixtures?

  If a chemical is part of a mixture, *you have the option* of reporting either the weight of the entire mixture or only the portion of the mixture that is a particular hazardous chemical (e.g., if a hazardous solution weighs 100 lbs. but is composed of only 5% of a particular hazardous chemical, you can indicate either 100 lbs. of the mixture *or* 5 lbs. of the chemical).

  The option used for each mixture must be consistent with the option used in your Section 311 reporting.

  Because EHSs are important to Section 303 planning, EHSs have lower thresholds. The amount of an EHS at a facility (both pure EHS substances and EHSs in mixtures) must be aggregated for purposes of threshold determination. It is suggested that the aggregation calculation be done as a first step in making the threshold determination. Once you determine whether a threshold for an EHS has been reached, you should report either the total weight of the EHS at your facility, or the weight of each mixture containing the EHS.

CHEMICAL DESCRIPTION

1. Enter the Chemical Abstract Service registry number (CAS). For mixtures, enter the CAS number of the mixture as a whole if it has been assigned a number distinct from its constituents. For a mixture that has no CAS number, leave this item blank or report the CAS numbers of as many constituent chemicals as possible.

   If you are withholding the name of a chemical in accordance with criteria specified in Title III, Section 322, enter the generic class or category that is structurally descriptive of the chemical (e.g., list toulene diisocyanate as organic isocyanate) and check the box marked Trade Secret. Trade secret information should be submitted to EPA and must include a substantiation. Please refer to EPA's final regulation on trade secrecy (53 FR 28772, July 29, 1988) for detailed information on how to submit trade secrecy claims.

2. Enter the chemical name or common name of each hazardous chemical.

3. Check box for *ALL* applicable descriptors: pure or mixture; *and* solid, liquid, or gas; and whether the chemical is or contains an EHS.

4. If the chemical is a mixture containing an EHS, enter the chemical name of each EHS in the mixture.

EXAMPLE:

You have pure chlorine gas on hand, as well as two mixtures that contain liquid chlorine. You write "chlorine" and enter the CAS number. Then you check "pure" *and* "mix" -- as well as "liquid" *and* "gas".

PHYSICAL AND HEALTH HAZARDS

For each chemical you have listed, check all the physical and health hazard boxes that apply. These hazard categories are defined in 40 CFR 370.2. The two health hazard categories and three physical hazard categories are a consolidation of the 23 hazard categories defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazard Category Comparison
For Reporting Under Sections 311 and 312

EPA's Hazard Categories	OSHA's Hazard Categories
Fire Hazard	Flammable Combustion Liquid Pyrophoric Oxidizer
Sudden Release of Pressure	Explosive Compressed Gas
Reactive	Unstable Reactive Organic Peroxide Water Reactive
Immediate (Acute) Health Hazards	Highly Toxic Toxic Irritant Sensitizer Corrosive
	Other hazardous chemicals with an adverse effect with short term exposure
Delayed (Chronic) Health Hazard	Carcinogens
	Other hazardous chemicals with an adverse effect with long term exposure

MAXIMUM AMOUNT

1. For each hazardous chemical, estimate the greatest amount present at your facility on any single day during the reporting period.

2. Find the appropriate range value code in Table I.

3. Enter this range value as the Maximum Amount.

Table I REPORTING RANGES

Range Value	Weight Range in Pounds From...	To...
01	0	99
02	100	999
03	1,000	9,999
04	10,000	99,999
05	100,000	999,999
06	1,000,000	9,999,999
07	10,000,000	49,999,999
08	50,000,000	99,999,999
09	100,000,000	499,999,999
10	500,000,000	999,999,999
11	1 billion	higher than 1 billion

If you are using this form as a worksheet for completing Tier One, enter the actual weight in pounds in the shaded space below the response blocks. Do this for both Maximum Amount and Average Daily Amount.

EXAMPLE:

You received one large shipment of a solvent mixture last year. The shipment filled five 5,000-gallon storage tanks. You know that the solvent contains 10% benzene, which is a hazardous chemical.

You figure that 10% of 25,000 gallons is 2,500 gallons. You also know that the density of benzene is 7.29 pounds per gallon, so you multiply 2,500 gallons by 7.29 pounds per gallon to get a weight of 18.225 pounds.

Then you look at Table I and find that the range value 04 corresponds to 18.225. You enter 04 as the Maximum Amount.

(If you are using the form as a worksheet for completing a Tier One form, you should write 18.255 in the shaded area.)

AVERAGE DAILY AMOUNT

1. For each hazardous chemical, estimate the average weight in pounds that was present at your facility during the year.
   To do this, total all daily weights and divide by the number of days the chemical was present on the site.

2. Find the appropriate range value in Table I.

3. Enter this range value as the Average Daily Amount.

EXAMPLE:

The 25,000-gallon shipment of solvent you received last year was gradually used up and completely gone in 315 days. The sum of the daily volume levels in the tank is 4,536,000 gallons. By dividing 4,536,000 gallons by 315 days on-site, you calculate an average daily amount of 14,400 gallons.

You already know that the solvent contains 10% benzene, which is a hazardous chemical. Since 10% of 14,400 is 1,440, you figure that you had an average of 1,440 gallons of benzene. You also know that the density of benzene is 7.29 pounds per gallon, so you multiply 1,440 by 7.29 to get a weight of 10,500 pounds.

Then you look at Table I and find that the range value 04 corresponds to 10,500. You enter 04 as the Average Daily Amount.

(If you are using the form as a worksheet for completing Tier One form, you should write 10,500 in the shaded area.)

NUMBER OF DAYS ON-SITE

Enter the number of days that the hazardous chemical was found on-site.

EXAMPLE:

The solvent composed of 10% benzene was present for 315 days at your facility. Enter 315 in the space provided.

STORAGE CODES AND STORAGE LOCATIONS

List all non-confidential chemical locations in the column, along with storage types/conditions associated with each location. Please note that a particular chemical may be located in several places around the facility. Each row of boxes followed by a line represents a unique location for the same chemical.

Storage Codes: Indicate the types and conditions of storage present:

a. *Look at Table II.* For each location, find the appropriate storage type and enter the corresponding code in the first box.
b. *Look at Table III.* For each location, find the appropriate storage types for pressure and temperature conditions. Enter the applicable pressure code in the second box. Enter the applicable temperature code in the third box.

Table II - STORAGE TYPES

CODES	Types of Storage
A	Above ground tank
B	Below ground tank
C	Tank inside building
D	Steel drum
E	Plastic or non-metallic drum
F	Can
G	Carboy
H	Silo
I	Fiber drum
J	Bag
K	Box
L	Cylinder
M	Glass bottles or jugs
N	Plastic bottles or jugs
O	Tote bin
P	Tank wagon
Q	Rail car
R	Other

Table III - PRESSURE AND TEMPERATURE CONDITIONS

CODES	Storage Conditions
	(PRESSURE)
1	Ambient pressure
2	Greater than ambient pressure
3	Less than ambient pressure
	(TEMPERATURE)
4	Ambient temperature
5	Greater than ambient temperature
6	Less than ambient temperature but not cryogenic
7	Cryogenic conditions

EXAMPLE:

The benzene in the main building is kept in a tank inside the building, at ambient pressure and less than ambient temperature.

Table II shows you that the code for a tank inside a building is C. Table III shows you that the code for ambient pressure is 1, and the code for less than ambient temperature is 6.

You enter:

C	1	6

STORAGE LOCATIONS:

Provide a brief description of the precise location of the chemical, so that emergency responders can locate the area easily. You may find it advantageous to provide the optional site plan or site coordinates as explained below.

For each chemical, indicate at a minimum the building or lot. Additionally, where practical, the room or area may be indicated. You may respond in narrative form with appropriate site coordinates or abbreviations.

If the chemical is present in more than one building, lot, or area location, continue your responses down the page as needed. If the chemical exists everywhere at the plant site simultaneously, you may report that the chemical is ubiquitous at the site.

Optional attachments: If you choose to attach one of the following, check the appropriate Attachments box at the bottom of the Tier Two form.

a. *A site plan* with site coordinates indicated for buildings, lots, areas, etc. throughout your facility.
b. *A list of site coordinate abbreviations* that correspond to buildings, lots, areas, etc. throughout your facility.
c. *A description of dikes and other safeguard measures* for storage locations throughout your facility.

EXAMPLE:

You may have benzene in the main room of the main building, and in tank 2 in tank field 10. You attach a site plan with coordinates as follows: main building = G-2, tank field 10 = B-6. Fill in the Storage Location as follows:

B-6 [Tank 2] G-2 [Main Room]

CONFIDENTIAL INFORMATION

Under Title III, Section 324, you may elect to withhold location information on a specific chemical from disclosure to the public. If you choose to do so:

- Enter the word "confidential" in the Non-Confidential Location section of the Tier Two form on the first line of the storage locations.
- On a separate Tier Two Confidential Location Information Sheet, enter the name and CAS number of each chemical for which you are keeping the location confidential.
- Enter the appropriate location and storage information, as described above for non-confidential locations.
- Attach the Tier Two Confidential Location Information Sheet to the Tier Two form. This separates confidential locations from other information that will be disclosed to the public.

CERTIFICATION

Instructions for this section are included on page one of these instructions.

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification
Name
Street
City County State Zip

SIC Code Dun & Brad Number

FOR OFFICIAL USE ONLY
ID #
Date Received

Owner/Operator Name
Name Phone ( )
Mail Address

Emergency Contact
Name Title
Phone ( ) 24 Hr. Phone ( )

Name Title
Phone ( ) 24 Hr. Phone ( )

Important: Read all instructions before completing form

Reporting Period From January 1 to December 31, 19 ____

[ ] Check if information below is identical to the information submitted last year.

Confidential Location Information Sheet

CAS#	Chem. Name	Container Type	Pressure	Temperature	Storage Codes and Locations (Confidential) *Storage Locations*	Optional
						[ ]
						[ ]
						[ ]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed

Optional Attachments
[ ] I have attached a site plan
[ ] I have attached a list of site coordinate abbreviations
[ ] I have attached a description of dikes and other safeguards measures

UTAH STATE EMERGENCY RESPONSE COMMISSION (SERC)
LOCAL EMERGENCY PLANNING COMMITTEES (LEPC)
JANUARY 2003

1. BEAVER COUNTY LEPC:
Les Whitney, Chairperson
341 S. Main
Milford, UT 84751
Phone: (435) 387-2107
E-Mail: lwhitney@c4farms.com

2. BOX ELDER COUNTY LEPC:
Randy Wilde, Chairperson
Bear River Health Dept.
125 S. 100 W.
Tremonton, UT 84337
Phone: (435) 257-3318/Fax:
E-Mail: rwilde@utah.gov

Janet Bass, Vice-Chairperson
Autoliv
1360 N. 1000 W.
Tremonton, Utah 84337
Phone: (435) 257-1005 Fax:
E-Mail: janet.bass@autolivasp.com

3. CACHE COUNTY LEPC:
Assistant Chief Jon Keller, Co-Chairperson
Cache County Fire Department
50 W. 200 N. Suite D
Logan, UT 84321
Phone: (435) 716-7298/Fax: (435) 753-8792
Cell: (435) 881-0835/Pager: (435) 755-1637
E-Mail: firecache@sisna.com

Batt. Chief Jeff Peterson, Co-Chairperson
Logan Fire Department
76 East. 200 North.
Logan, UT 84321
Phone: (435) 716-9510/Fax:(435) 716-9501
E-Mail: jpeters@loganutah.org

4. CARBON COUNTY LEPC:
Dennis Dooley, Co-Chairperson
Carbon County Emergency Management
Carbon County Courthouse
120 East Main
Price, UT 84501
Phone: (435) 636-3290/Fax: 636-3210
Pager: 1-800-612-6036
E-Mail:

Deputy Kyle Kulow, Co-Chairperson
Carbon County Sheriff's Office
240 W. Main
Price, UT 84501
Phone: (435) 636-3282/Fax: (435) 636-3212
E-Mail: seger1@hotmail.com

DAGGETT COUNTY LEPC (See Tri-County LEPC)

5. DAVIS COUNTY LEPC:
Brian Law, Chairperson
Davis County Sheriff's Office
P.O. Box 618
Farmington, UT 84025
Phone: (801) 451-4129/Fax: 451-4167
E-Mail: brianlaw@co.davis.ut.us

Chief Larry Gregory, Co-Chairperson
Farmington City Fire Department
82 N. 100 E.
Farmington, UT 84025
Phone: (801) 451-2842/Fax: 451-7865
E-Mail:

Chief Floyd Petersen, Co-Chairperson
Clinton City Fire Department
1906 W. 1800 N.
Clinton, UT 84015
Phone: (801) 774-2679/Fax: (801) 774-2682 E-Mail: fpetersen@clintoncity.com

DUCHESNE COUNTY LEPC (See Tri-County LEPC)

6. EMERY COUNTY LEPC:
Deputy Martin Wilson, Acting Chairperson
Emery County Sheriff's Office
P.O. Box 817
Castle Dale, UT 84513
Phone: (435) 381-2404/Fax: 381-2200
E-Mail: martinw@ecso.com

7. GARFIELD COUNTY LEPC:
Nathan Rousseau, Co-Chairperson
P.O. Box 604
Panguitch, UT 84759
Phone: (435) 676-8414/FAX (435) 676-0676
E-Mail: nbrouss@solcew.com

8. GRAND COUNTY LEPC:
Chief Deputy Doug Squire, Co-Chairperson
Grand County Sheriff's Office
125 East Center Street
Moab, UT 84532
Phone: (435) 259-8115/Fax: 259-8651
E-Mail: dsquire@grand.state.ut.us

Chief Corky Brewer, Co-Chairperson
Moab Fire Department
45 South 100 East
Moab, UT 84532
Phone: (435) 259-5557/ Fax: 259-2959
E-Mail: mfd@lasal.net

9. IRON COUNTY LEPC:
Sheriff Dude Benson, Coordinator
Iron County Sheriff's Office
2132 N. Main St.
Cedar City, UT 84720
Phone: (435) 586-6511/Fax: 865-7634
E-Mail: dbenson@ironnet.org

Charlie Morris, Chairperson
County Director
2298 W. 30 N.
Cedar City, UT 84720
Phone: (435) 865-5531/Cell: (435) 463-3192
E-Mail: mopar@scinternet.net

10. JUAB COUNTY LEPC:
Gary Corbin, Acting Chairperson
Juab County Sheriff's Office
P.O. Box 133
Nephi, UT 84648
Phone: (435) 623-1349/Fax: 623-2899
E-Mail: NONE

11. KANE COUNTY LEPC:
Dave Owens, Chairperson`
Kane County Emergency Management
Kane County Courthouse
76 North Main
Kanab, UT 84741
Phone: (435) 644-2551/Fax: 644-2052
E-Mail: dowens@kanab.net

12. MILLARD COUNTY LEPC:
Forrest Roper, Chairperson
Millard County Sheriff's Office
765 S. Hwy 99
Fillmore, UT 84631
Phone: (435) 743-5302/Fax: 743-6324
E-Mail: froper@millard.state.ut.us

13. MORGAN COUNTY LEPC:

Terry Turner, Director, Co-Chairperson
Morgan County Emergency Management
P O Box 886
Morgan, UT 84050
Phone: (801) 845-4048/Fax: 829-6176
E-Mail: tturner@wfol.net

Chief David Rich, Co-Chairperson
Morgan County Fire Department
P.O. Box 245
Morgan, UT 84050
Phone: (801) 829-3585/Fax: 829-0612
E-Mail: drich@fbfs.com

14. PIUTE COUNTY LEPC:

Norm Hart, Chairperson
P. O. Box 447371
Koosharem, UT 84744
Phone: (435) 638-7375/Fax:
E-Mail: None

15. RICH COUNTY LEPC:

Dan Ames, Director, Acting Chairperson
Rich County Civil Defense
109 N. 200 E., Box 133
Laketown, UT 84038
Phone: (435) 946-2907 or 793-2285/Fax: 793-3122 (Sheriff's Office)
E-Mail: lazya@cut.net

16. SALT LAKE CITY LEPC:

Bat. Chief Dan Andrus, Co-Chairperson
Salt Lake City Fire Department
305 East 200 South, First Floor
Salt Lake City, UT 84111
Phone: (801) 799-4163
Fax: (801) 799-4156 Cell: 550-0451
E-Mail: dan.andrus@ci.slc.ut.us

Deborah Kim, Co-Chairperson
Phone: (801) 712-7351
E-Mail: dhk32599@aol.com

Michael E. Stever, Director
Salt Lake City Emergency Management
451 South State Street, Room 512
Salt Lake City, UT 84111
Phone: (801) 535-6030 Fax: (801) 535-6190
E-Mail: michael.stever@ci.slc.ut.us

17. SALT LAKE COUNTY LEPC:

Mike Montmorency, Chairperson
Salt Lake County Emergency Services
3380 South 900 West
Salt Lake City, UT 84119
Phone: (801) 743-7122/Fax: 743-7133
E-Mail: mmontmorency@co.slc.ut.us

2nd Vice-Chairperson
Wes Dewsnup, Env. Health & Safety
TW Company
505 North Main
North Salt Lake, UT 84054
Phone: (801) 299-1900 Ext. 113/Fax: 299-1949
E-Mail: wes.dewsnup@twcompany.com

1st Vice Chairperson
Dave Echols, Manager
Employee Health/Safety
Abbott Laboratories, SLC Operations
4455 Atherton Drive
Salt Lake City, UT 84123
Phone: (801) 264-1472/Fax: 264-1418

18. SAN JUAN COUNTY LEPC:
Rick Bailey, Chairperson
San Juan County Emergency Management
P.O. Box 9
Monticello, UT 84535
Phone: (435) 587-3225/Fax: 587-2447
E-Mail: sanjuan.rbailey@state.ut.us

19. SANPETE COUNTY LEPC:
Bevin Blackham, Chairperson
Box 624
241 N. 100 W.
Moroni, UT 84646
Phone: (435) 436-8406/Fax:
E-Mail: hazkat@cut.net

Sgt. Kevin Holman,
Sanpete Co. Sheriff's Office
160 N. Main
Manti, UT 84642
(435) 835-2191 Fax: (435) 835-2143
E-Mail: kevinho@orc.state.ut.us

20. SEVIER COUNTY LEPC:
Jim Porter, Director
Sevier Co. Emergency Services
180 N. Main
Richfield, UT 84701
Phone: (435) 896-4890/Fax: 896-8766
E-Mail: soucenus@compuvision.cc

Stan Poulson, Co-Chairperson
P O Box 642
Richfield, Utah 84701
Phone: (435) 896-4897/No Fax
E-Mail: None

21. SUMMIT COUNTY LEPC:
TJ Kennedy Co-Chairperson
Park City Fire District
1353 Park Ave.
P.O. Box 680967
Park City, UT 84068
Phone: (435) 649-6706/Fax: 658-5247
E-Mail: tjkennedy@pcfd.org

Kevin Callahan, Co-Chairperson
Summit County Public Works
P.O. Box 128
Coalville, UT 84017
Phone: (435) 336-3978/Fax: 336-3048
E-Mail: kcallahan@co.summit.ut.us

Butch Swenson, Summit County Emergency Manager
7988 Springshira
Park City, UT 84098
Phone: 435-640-1910/Fax:
E-mail: swenbarb@aol.com

22. TOOELE COUNTY LEPC:
Harry Shinton, Co-Chairperson
Tooele County Sheriff's Office
47 S. Main
Tooele, UT 84074
Phone: (435) 843-4725/Fax: 882-6417
E-Mail: hshinton@co.tooele.ut.us

23. UINTAH COUNTY LEPC
Juliann Northrop
Uintah County Emergency Management
152 E. 100 N.
Vernal, UT 84078
Phone: (435) 789-1911/Fax: (435) 781-5352
Email: countylepcs@hotmail.com

24. UTAH COUNTY LEPC:

Bat. Chief Tom Augustus, Co-Chairperson
Provo City Fire Department
80 S. 300 W.
Provo, UT 84601
Phone: (801) 852-6315/Fax: 852-6319
E-Mail: provo.taugustus@state.ut.us

Don Rigtrup, Co-Chairperson
Micron Technology, Inc.
Lehi Division, Mail Stop 700
1550 E. 3400 N.
Lehi, UT 84043
Phone: (801) 767-7233/Fax : 767-5353
E-Mail : dlrigtrup@micron.com

25. WASATCH COUNTY LEPC:

Kent J. Berg, Acting Chairperson
805 W. 100 S./P.O. Box 69
Heber City, UT 84032
Phone: (435) 654-1661 ext 520/Fax: 654-4820
E-Mail: kberg@co.wasatch.ut.us

26. WASHINGTON COUNTY LEPC:

Tom Kalma, Chairperson
1207 S. 1280 E.
St. George, UT 84790
Phone: (435) 652-9314 /Fax:
E-Mail: tkalma@infowest.com

Lt. Steve Despain, Co-chairperson
St. George Police Dept.
265 N. 200 E.
St. George, UT 84770
Phone : (435) 656-6704/Fax : 634-5840
E-Mail : sdespain@stgpd.state.ut.us

27. WAYNE COUNTY LEPC:

Vicky Bower, Co-Chairperson
P.O. Box 247
Bicknell, Utah 84715
Phone: (435) 425-3100/Fax: 425-3131
E-Mail: vbower@wco.state.ut.us

Randy Austin, Co-Chairperson
P.O. Box 143
Teasdale, Utah 84773
Phone: (435) 425-3335/Fax: 425-3434

28. WEBER COUNTY LEPC:

Bill Southwick, Co-Chairperson
District Operation Manager
Rocky Mountain District
Brenntag West
450 Exchange Road
Ogden, UT 84402
Phone: (801) 627-4540/Fax: 393-0267/Cell: 725-1879
Email: bsouthwick@brenntag.com

Capt. Ralph Orton, Co-Chairperson
Ogden Fire Dept.
2186 Lincoln Ave.
Ogden, UT 84401
Phone: (801) 629-0684/Fax:
E-Mail: ralphorton@ci.ogden.ut.us

Lance Peterson, Director
Weber County Emergency Management
21 W. 12th Street
Ogden, UT 84404
Phone: (801) 778-6682/Fax: 778-6668
E-Mail: lpeterso@co.weber.ut.us

29. WEST VALLEY CITY LEPC:

John Evans, Chairperson
West Valley City Fire Department
3600 Constitution Blvd.
West Valley, UT 84119-3720
Phone: (801) 963-3336/Fax: 963-3454
E-Mail: jevans@ci.west-valley.ut.us

Chief Van Summers
West Valley City Fire Dept.
3600 Constitution Blvd
West Valley City, UT 84119-3720
Phone: (801) 963-3338/Fax: 963-3454
E-Mail: vsummers@ci.west-valley.ut.us

30. SANDY CITY LEPC:
Battalion Chief Greg Rynders, Chairperson
Sandy City Fire Department
9010 S. 150 E.
Sandy, UT 84070
Phone: (801) 568-2930/Fax: 561-7780
Cell: (801) 201-2247
E-Mail: firepo.grynders@state.ut.us

31. TRI-COUNTY LEPC:

Daggett County Co-Chairperson
Winston Slaugh, Deputy Director
P.O. Box 176
Manila, UT 84046
Phone: (435) 784-3389/Fax: (435) 784-3172
E-Mail: wslaugh@union-tel.com

Duchesne County Co-Chairperson
Georg Adams, County Director
P.O. Box 228
Duchesne, UT 84021
Phone: (435) 738-1181/Fax: 738-5522
Cell: (435) 882-2417
E-Mail: georg@hotmail.com

Uintah County Co-Chairperson
Dale Peterson, Director
Uintah County Emergency Management
152 E. 100 N.
Vernal, UT 84078
Phone: (435) 789-1911/Fax: (435) 781-5352
Email: countylepcs@hotmail.com

Forrest Smouse, Assistant Coordinator
OSHA Compliance Training
Uintah Basin ATC
1100 E. Lagoon St
Roosevelt, UT 84066
Phone: (435) 722-4523/Fax 722-5804
E-Mail: forrest@ubatc.tec.ut.us

32. PAIUTE INDIAN TRIBE OF UTAH:
Tara Marlowe, Emergency Management Director
440 N. Paiute Drive
Cedar City, UT 84720
Phone: (435) 586-1112/Fax: (435) 586-7388
E-Mail: taramarlowe@mail.ihs.gov

33. NAVAJO NATION:
Emergency Management Director
P.O. Box 2908
Window Rock, AZ 86515
Phone: (520) 871-6892/Fax: (520) 871-7261
E-Mail: None

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
1	75865	Acetone cyanohydrin	1,000	10
2	1752303	Acetone thiosemicarbazide	1,000/10,000	1,000
3	107028	Acrolein	500	1
4	79061	Acrylamide	1,000/10,000	5,000
5	107131	Acrylonitrile	10,000	100
6	814686	Acrylyl chloride	100	100
7	111693	Adiponitrile	1,000	1,000
8	116063	Aldicarb	100/10,000	1
9	309002	Aldrin	500/10,000	1
10	107186	Allyl alcohol	1,000	100
11	107119	Allylamine	500	500
12	20859738	Aluminum phosphide	500	100
13	54626	Aminopterin	500/10,000	500
14	3734972	Amiton oxalate	100/10,000	100
15	78535	Amiton	500	500
16	7664417	Ammonia	500	100
17	300629	Amphetamine	1,000	1,000
18	62533	Aniline	1,000	5,000
19	88051	Aniline, 2,4,6-trimethyl-	500	500
20	7783702	Antimony pentafluoride	500	500
21	1397940	Antimycin A	1,000/10,000	1,000
22	86884	Antu	500/10,000	100
23	1303282	Arsenic pentoxide	100/10,000	1
24	1327533	Arsenous oxide	100/10,000	1
25	7784341	Arsenous trichloride	500	1
26	7784421	Arsine	100	100
27	2642719	Azinphos-ethyl	100/10,000	100
28	86500	Azinphos-methyl	10/10,000	1
29	98873	Benzal chloride	500	5,000
30	98168	Benzenamine, 3-(trifluoromethyl)-	500	500
31	100141	Benzene, 1-(chloromethyl)-4-nitro-	500/10,000	500
32	98055	Benzenearsonic acid	10/10,000	10
33	3615212	Benzimidazole, 4,5-dichloro-2-(trifluoromethyl)-	500/10,000	500
34	98077	Benzotrichloride	100	10
35	100447	Benzyl chloride	500	100
36	140294	Benzyl cyanide	500	500
37	57578	beta-Propiolactone	500	10
38	15271417	Bicyclo[2.2.1]heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-,(1-alpha,2-beta,4-alpha,5-alpha,6E))-	500/10,000	500
39	534076	Bis(chloromethyl) ketone	10/10,000	10
40	4044659	Bitoscanate	500/10,000	500
41	353424	Boron trifluoride compound with methyl ether (1:1)	1,000	1,000
42	10294345	Boron trichloride	500	500
43	7637072	Boron trifluoride	500	500
44	28772567	Bromadiolone	100/10,000	100
45	7726956	Bromine	500	500
46	2223930	Cadmium stearate	1,000/10,000	1,000
47	1306190	Cadmium oxide	100/10,000	100
48	7778441	Calcium arsenate	500/10,000	1

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
49	8001352	Camphechlor	500/10,000	1
50	56257	Cantharidin	100/10,000	100
51	51832	Carbachol chloride	500/10,000	500
52	26419738	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	100/10,000	1
53	1563662	Carbofuran	10/10,000	10
54	75150	Carbon disulfide	10,000	100
55	786196	Carbophenothion	500	500
56	57749	Chlordane	1,000	1
57	470906	Chlorfenvinfos	500	500
58	7782505	Chlorine	100	10
59	24934916	Chlormephos	500	500
60	999815	Chlormequat chloride	100/10,000	100
61	79118	Chloroacetic acid	100/10,000	100
62	107073	Chloroethanol	500	500
63	627112	Chloroethyl chloroformate	1,000	1,000
64	67663	Chloroform	10,000	10
65	107302	Chloromethyl methyl ether	100	10
66	542881	Chloromethyl ether	100	10
67	3691358	Chlorophacinone	100/10,000	100
68	1982474	Chloroxuron	500/10,000	500
69	21923239	Chlorthiophos	500	500
70	10025737	Chromic chloride	1/10,000	1
71	10210681	Cobalt carbonyl	10/10,000	10
72	62207765	Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenylato))(2-)-N,N',O,O')-	100/10,000	100
73	64868	Colchicine	10/10,000	10
74	56724	Coumaphos	100/10,000	10
75	5836293	Coumatetralyl	500/10,000	500
76	535897	Crimidine	100/10,000	100
77	4170303	Crotonaldehyde	1,000	100
78	123739	Crotonaldehyde, (E)-	1,000	100
79	506683	Cyanogen bromide	500/10,000	1,000
80	506785	Cyanogen iodide	1,000/10,000	1,000
81	2636262	Cyanophos	1,000	1,000
82	675149	Cyanuric fluoride	100	100
83	66819	Cycloheximide	100/10,000	100
84	108918	Cyclohexylamine	10,000	10,000
85	17702419	Decaborane(14)	500/10,000	500
86	8065483	Demeton	500	500
87	919868	Demeton-S-methyl	500	500
88	10311849	Dialifor	100/10,000	100
89	19287457	Diborane	100	100
90	111444	Dichloroethyl ether	10,000	10
91	149746	Dichloromethylphenylsilane	1,000	1,000
92	62737	Dichlorvos	1,000	10
93	141662	Dicrotophos	100	100
94	1464535	Diepoxybutane	500	10
95	814493	Diethyl chlorophosphate	500	500
96	71636	Digitoxin	100/10,000	100
97	2238075	Diglycidyl ether	1,000	1,000

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
98	20830755	Digoxin	10/10,000	10
99	115264	Dimefox	500	500
100	60515	Dimethoate	500/10,000	10
101	2524030	Dimethyl phosphorochloridothioate	500	500
102	77781	Dimethyl sulfate	500	100
103	99989	Dimethyl-p-phenylenediamine	10/10,000	10
104	75785	Dimethyldichlorosilane	500	500
105	57147	Dimethylhydrazine	1,000	10
106	644644	Dimetilan	500/10,000	1
107	534521	Dinitrocresol	10/10,000	10
108	88857	Dinoseb	100/10,000	1,000
109	1420071	Dinoterb	500/10,000	500
110	78342	Dioxathion	500	500
111	82666	Diphacinone	10/10,000	10
112	152169	Diphosphoramide, octamethyl-	100	100
113	298044	Disulfoton	500	1
114	514738	Dithiazanine iodide	500/10,000	500
115	541537	Dithiobiuret	100/10,000	100
116	316427	Emetine, dihydrochloride	1/10,000	1
117	115297	Endosulfan	10/10,000	1
118	2778043	Endothion	500/10,000	500
119	72208	Endrin	500/10,000	1
120	106898	Epichlorohydrin	1,000	100
121	2104645	EPN	100/10,000	100
122	50146	Ergocalciferol	1,000/10,000	1,000
123	379793	Ergotamine tartrate	500/10,000	500
124	1622328	Ethanesulfonyl chloride, 2-chloro-	500	500
125	10140871	Ethanol, 1,2-dichloro-, acetate	1,000	1,000
126	563122	Ethion	1,000	10
127	13194484	Ethoprophos	1,000	1,000
128	538078	Ethylbis(2-chloroethyl)amine	500	500
129	371620	Ethylene fluorohydrin	10	10
130	75218	Ethylene oxide	1,000	10
131	107153	Ethylenediamine	10,000	5,000
132	151564	Ethyleneimine	500	1
133	542905	Ethylthiocyanate	10,000	10,000
134	22224926	Fenamiphos	10/10,000	10
135	115902	Fensulfothion	500	500
136	4301502	Fluenetil	100/10,000	100
137	7782414	Fluorine	500	10
138	640197	Fluoroacetamide	100/10,000	100
139	144490	Fluoroacetic acid	10/10,000	10
140	359068	Fluoroacetyl chloride	10	10
141	51218	Fluorouracil	500/10,000	500
142	944229	Fonofos	500	500
143	107164	Formaldehyde cyanohydrin	1,000	1,000
144	50000	Formaldehyde	500	100
145	23422539	Formetanate hydrochloride	500/10,000	1
146	2540821	Formothion	100	100
147	17702577	Formparanate	100/10,000	1
148	21548323	Fosthietan	500	500
149	3878191	Fuberidazole	100/10,000	100

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
150	110009	Furan	500	100
151	13450903	Gallium trichloride	500/10,000	500
152	77474	Hexachlorocyclopentadiene	100	10
153	4835114	Hexamethylenediamine, N,N'-dibutyl-	500	500
154	302012	Hydrazine	1,000	1
155	74908	Hydrocyanic acid	100	10
156	7647010	Hydrogen chloride (gas only)	500	5,000
157	7783075	Hydrogen selenide	10	10
158	7664393	Hydrogen fluoride	100	100
159	7722841	Hydrogen peroxide (Conc.> 52%)	1,000	1,000
160	7783064	Hydrogen sulfide	500	100
161	123319	Hydroquinone	500/10,000	100
162	13463406	Iron, pentacarbonyl-	100	100
163	297789	Isobenzan	100/10,000	100
164	78820	Isobutyronitrile	1,000	1,000
165	102363	Isocyanic acid, 3,4-dichlorophenyl ester	500/10,000	500
166	465736	Isodrin	100/10,000	1
167	55914	Isofluorphate	100	100
168	4098719	Isophorone diisocyanate	100	100
169	108236	Isopropyl chloroformate	1,000	1,000
170	119380	Isopropylmethylpyrazolyl dimethylcarbamate	500	1
171	78977	Lactonitrile	1,000	1,000
172	21609905	Leptophos	500/10,000	500
173	541253	Lewisite	10	10
174	58899	Lindane	1,000/10,000	1
175	7580678	Lithium hydride	100	100
176	109773	Malononitrile	500/10,000	1,000
177	12108133	Manganese, tricarbonyl methylcyclopentadienyl	100	100
178	51752	Mechlorethamine	10	10
179	950107	Mephosfolan	500	500
180	1600277	Mercuric acetate	500/10,000	500
181	21908532	Mercuric oxide	500/10,000	500
182	7487947	Mercuric chloride	500/10,000	500
183	10476956	Methacrolein diacetate	1,000	1,000
184	760930	Methacrylic anhydride	500	500
185	126987	Methacrylonitrile	500	1,000
186	920467	Methacryloyl chloride	100	100
187	30674807	Methacryloyloxyethyl isocyanate	100	100
188	10265926	Methamidophos	100/10,000	100
189	558258	Methanesulfonyl fluoride	1,000	1,000
190	950378	Methidathion	500/10,000	500
191	2032657	Methiocarb	500/10,000	10
192	16752775	Methomyl	500/10,000	100
193	151382	Methoxyethylmercuric acetate	500/10,000	500
194	78944	Methyl vinyl ketone	10	10
195	60344	Methyl hydrazine	500	10
196	556649	Methyl thiocyanate	10,000	10,000
197	556616	Methyl isothiocyanate	500	500
198	79221	Methyl chloroformate	500	1,000
199	3735237	Methyl phenkapton	500	500
200	74931	Methyl mercaptan	500	100

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
201	80637	Methyl 2-chloroacrylate	500	500
202	676971	Methyl phosphonic dichloride	100	100
203	74839	Methyl bromide	1,000	1,000
204	624839	Methyl isocyanate	500	10
205	502396	Methylmercuric dicyanamide	500/10,000	500
206	75796	Methyltrichlorosilane	500	500
207	1129415	Metolcarb	100/10,000	1
208	7786347	Mevinphos	500	10
209	315184	Mexacarbate	500/10,000	1,000
210	50077	Mitomycin C	500/10,000	10
211	6923224	Monocrotophos	10/10,000	10
212	2763964	Muscimol	500/10,000	1,000
213	505602	Mustard gas	500	500
214	13463393	Nickel carbonyl	1	10
215	65305	Nicotine sulfate	100/10,000	100
216	54115	Nicotine	100	100
217	7697372	Nitric acid	1,000	1,000
218	10102439	Nitric oxide	100	10
219	98953	Nitrobenzene	10,000	1,000
220	1122607	Nitrocyclohexane	500	500
221	10102440	Nitrogen dioxide	100	10
222	62759	Nitrosodimethylamine	1,000	10
223	991424	Norbormide	100/10,000	100
224	95487	o-Cresol	1,000/10,000	100
225	NONE	Organorhodium Complex (PMN-82-147)	10/10,000	10
226	630604	Ouabain	100/10,000	100
227	23135220	Oxamyl	100/10,000	1
228	78717	Oxetane, 3,3-bis(chloromethyl)-	500	500
229	2497076	Oxydisulfoton	500	500
230	10028156	Ozone	100	100
231	2074502	Paraquat methosulfate	10/10,000	10
232	1910425	Paraquat dichloride	10/10,000	10
233	56382	Parathion	100	10
234	298000	Parathion-methyl	100/10,000	100
235	12002038	Paris green	500/10,000	1
236	19624227	Pentaborane	500	500
237	2570265	Pentadecylamine	100/10,000	100
238	79210	Peracetic acid	500	500
239	594423	Perchloromethyl mercaptan	500	100
240	108952	Phenol	500/10,000	1,000
241	64006	Phenol, 3-(1-methylethyl)-, methylcarbamate	500/10,000	1
242	4418660	Phenol, 2,2'-thiobis[4-chloro-6-methyl-	100/10,000	100
243	58366	Phenoxarsine, 10,10'-oxydi-	500/10,000	500
244	696286	Phenyl dichloroarsine	500	1
245	59881	Phenylhydrazine hydrochloride	1,000/10,000	1,000
246	62384	Phenylmercury acetate	500/10,000	100
247	2097190	Phenylsilatrane	100/10,000	100
248	103855	Phenylthiourea	100/10,000	100
249	298022	Phorate	10	10
250	4104147	Phosacetim	100/10,000	100
251	947024	Phosfolan	100/10,000	100
252	75445	Phosgene	10	10

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
253	732116	Phosmet	10/10,000	10
254	13171216	Phosphamidon	100	100
255	7803512	Phosphine	500	100
256	2703131	Phosphonothioic acid, methyl-, O-ethyl O-(4-(methylthio)phenyl) ester	500	500
257	50782699	Phosphonothioic acid, methyl-, S-(2-(bis(1-methylethyl)amino)ethyl) O-ethyl ester	100	100
258	2665307	Phosphonothioic acid, methyl-, O-(4-nitrophenyl) O-phenyl ester	500	500
259	3254635	Phosphoric acid, dimethyl 4-(methylthio) phenyl ester	500	500
260	2587908	Phosphorothioic acid, O,O-dimethyl-5-(2-(methylthio)ethyl)ester	500	500
261	10025873	Phosphorus oxychloride	500	1,000
262	10026138	Phosphorus pentachloride	500	500
263	7719122	Phosphorus trichloride	1,000	1,000
264	7723140	Phosphorus	100	1
265	57476	Physostigmine	100/10,000	1
266	57647	Physostigmine, salicylate (1:1)	100/10,000	1
267	124878	Picrotoxin	500/10,000	500
268	110894	Piperidine	1,000	1,000
269	23505411	Pirimifos-ethyl	1,000	1,000
270	151508	Potassium cyanide	100	10
271	10124502	Potassium arsenite	500/10,000	1
272	506616	Potassium silver cyanide	500	1
273	2631370	Promecarb	500/10,000	1
274	106967	Propargyl bromide	10	10
275	107120	Propionitrile	500	10
276	542767	Propionitrile, 3-chloro-	1,000	1,000
277	70699	Propiophenone, 4'-amino	100/10,000	100
278	109615	Propyl chloroformate	500	500
279	75569	Propylene oxide	10,000	100
280	75558	Propyleneimine	10,000	1
281	2275185	Prothoate	100/10,000	100
282	129000	Pyrene	1,000/10,000	5,000
283	504245	Pyridine, 4-amino-	500/10,000	1,000
284	140761	Pyridine, 2-methyl-5-vinyl-	500	500
285	1124330	Pyridine, 4-nitro-, 1-oxide	500/10,000	500
286	53558251	Pyriminil	100/10,000	100
287	14167181	Salcomine	500/10,000	500
288	107448	Sarin	10	10
289	7783008	Selenious acid	1,000/10,000	10
290	7791233	Selenium oxychloride	500	500
291	563417	Semicarbazide hydrochloride	1,000/10,000	1,000
292	3037727	Silane, (4-aminobutyl)diethoxymethyl-	1,000	1,000
293	13410010	Sodium selenate	100/10,000	100
294	7784465	Sodium arsenite	500/10,000	1
295	62748	Sodium fluoroacetate	10/10,000	10
296	124652	Sodium cacodylate	100/10,000	100
297	143339	Sodium cyanide (Na(CN))	100	10
298	7631892	Sodium arsenate	1,000/10,000	1
299	10102188	Sodium selenite	100/10,000	100

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
300	26628228	Sodium azide (Na(N3))	500	1,000
301	10102202	Sodium tellurite	500/10,000	500
302	900958	Stannane, acetoxytriphenyl-	500/10,000	500
303	57249	Strychnine	100/10,000	10
304	60413	Strychnine, sulfate	100/10,000	10
305	3689245	Sulfotep	500	100
306	3569571	Sulfoxide, 3-chloropropyl octyl	500	500
307	7446119	Sulfur trioxide	100	100
308	7446095	Sulfur dioxide	500	500
309	7783600	Sulfur tetrafluoride	100	100
310	7664939	Sulfuric acid	1,000	1,000
311	77816	Tabun	10	10
312	7783804	Tellurium hexafluoride	100	100
313	107493	Tepp	100	10
314	13071799	Terbufos	100	100
315	78002	Tetraethyl lead	100	10
316	597648	Tetraethyltin	100	100
317	75741	Tetramethyllead	100	100
318	509148	Tetranitromethane	500	10
319	10031591	Thallium sulfate	100/10,000	100
320	2757188	Thallous malonate	100/10,000	100
321	6533739	Thallous carbonate	100/10,000	100
322	7791120	Thallous chloride	100/10,000	100
323	7446186	Thallous sulfate	100/10,000	100
324	2231574	Thiocarbazide	1,000/10,000	1,000
325	39196184	Thiofanox	100/10,000	100
326	297972	Thionazin	500	100
327	108985	Thiophenol	500	100
328	79196	Thiosemicarbazide	100/10,000	100
329	5344821	Thiourea, (2-chlorophenyl)-	100/10,000	100
330	614788	Thiourea, (2-methylphenyl)-	500/10,000	500
331	7550450	Titanium tetrachloride	100	1,000
332	91087	Toluene-2,6-diisocyanate	100	100
333	584849	Toluene-2,4-diisocyanate	500	100
334	110576	trans-1,4-Dichlorobutene	500	500
335	1031476	Triamiphos	500/10,000	500
336	24017478	Triazofos	500	500
337	1558254	Trichloro(chloromethyl)silane	100	100
338	27137855	Trichloro(dichlorophenyl)silane	500	500
339	76028	Trichloroacetyl chloride	500	500
340	115219	Trichloroethylsilane	500	500
341	327980	Trichloronate	500	500
342	98135	Trichlorophenylsilane	500	500
343	998301	Triethoxysilane	500	500
344	75774	Trimethylchlorosilane	1,000	1,000
345	824113	Trimethylolpropane phosphite	100/10,000	100
346	1066451	Trimethyltin chloride	500/10,000	500
347	639587	Triphenyltin chloride	500/10,000	500
348	555771	Tris(2-chloroethyl)amine	100	100
349	2001958	Valinomycin	1,000/10,000	1,000
350	1314621	Vanadium pentoxide	100/10,000	1,000
351	108054	Vinyl acetate monomer	1,000	5,000

See footnotes last page

	CAS Number	NAME	TPQ pounds	EHS_RQ pounds
352	129066	Warfarin sodium	100/10,000	100
353	81812	Warfarin	500/10,000	100
354	28347139	Xylylene dichloride	100/10,000	100
355	1314847	Zinc phosphide	500	100
356	58270089	Zinc, dichloro(4,4-dimethyl-5((((methylamino)carbonyl)oxy)imino)pentanenitrile)-, (T-4)-	100/10,000	100

TPQ = Threshold Planning Quantity
EHS_RQ = Extremely Hazardous Substance Reportable Quantity
Alphabetical Listing obtained from - http://www.epa.gov/ceppo/ehs/ehsalpha.html
CAS Number Listing obtained from - http://www.epa.gov/ceppo/ehs/ehscas.html
Last updated February 4, 1999.

See footnotes last page